

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	IS&R	L1	2136	(250/281,282,283,286,288).C CLS.	USPAT; US-PGP UB	2003/02/05 09:35
2	BRS	L2	0	(ion\$8 near3 enhance\$5) and ((matrix adj based) near2 (ion adj source\$2))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:57
3	BRS	L3	0	L1 and ((matrix adj based) near2 (ion adj source\$2))	USPAT; US-PGP UB	2003/02/05 09:43
4	BRS	L4	222	L1 and (ion\$8 near3 enhance\$5)	USPAT; US-PGP UB	2003/02/05 09:43
5	BRS	L5	0	L4 and ((matrix adj based) near2 (ion adj source\$2))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:56
6	BRS	L6	0	L4 and (((high or atmospheric) adj presuure\$2) near3 (ion adj source\$2))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:45
7	BRS	L7	142	L4 and (ion adj source\$2)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:45

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
8	BRS	L8	0	L7 and ((high or atmospheric) adj presuure\$2)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:46
9	BRS	L9	89	L7 and ((high or atmospheric) adj pressure\$2)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:47
10	BRS	L10	5	L9 and ((capillary or conduit) near2 coaxial)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:59
11	BRS	L11	0	L9 and ((matrix adj based) near2 (ion adj source\$2))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:57
12	BRS	L12	0	(matrix adj based) near2 (ion adj source\$2)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:58

	Comments	Error Definition	Errors
8			0
9			0
10			0
11			0
12			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
13	BRS	L13	268	(laser near4 (ion adj source\$2))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:58
14	BRS	L14	0	L13 and ((capillary or conduit) near2 coaxial)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 09:59
15	BRS	L15	0	L13 and ((heat\$3 near2 gas) with (ion\$8 adj enhance\$5))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 10:01
16	BRS	L16	0	L13 and ((heat\$3 near2 gas) with ((ion or ionization) near2 enhance\$5))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 10:02
17	BRS	L18	6	L17 not L10	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 10:42

	Comments	Error Definition	Errors
13			0
14			0
15			0
16			0
17			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
18	BRS	L19	3	4023398.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 10:42
19	BRS	L20	1	4023398.pn.	USPAT; US-PGP UB	2003/02/05 10:42
20	BRS	L21	1	4531056.pn.	USPAT; US-PGP UB	2003/02/05 10:43
21	BRS	L22	1	4842701.pn.	USPAT; US-PGP UB	2003/02/05 10:43
22	BRS	L23	1	4885076.pn.	USPAT; US-PGP UB	2003/02/05 10:43
23	BRS	L24	4	L20 or L21 or L22 or L23	USPAT; US-PGP UB	2003/02/05 10:43
24	BRS	L17	6	L13 and (heat\$3 near2 gas)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/02/05 11:08

	Comments	Error Definition	Errors
18			0
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21			0
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23			0
24			0

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4885076 A	19891205	31
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4842701 A	19890627	19
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4531056 A	19850723	13
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4023398 A	19770517	19

	Title	Current OR	Current XRef
1	Combined electrophoresis-electrospray interface and method	204/451	204/601; 250/288
2	Combined electrophoretic-separation and electrospray method and system	204/451	204/549; 204/601; 204/645; 250/281; 250/288; 436/173
3	Method and apparatus for the mass spectrometric analysis of solutions	250/288	250/281; 250/282; 250/286
4	Apparatus for analyzing trace components	73/23.2	250/281; 250/288; 454/188; 62/55.5; 95/60; 96/74

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Smith, Richard P. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		Smith, Richard D. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		Labowsky, Michael J. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		French, John Barry et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 4885076	<input type="checkbox"/>
2	US 4842701	<input type="checkbox"/>
3	US 4531056	<input type="checkbox"/>
4	US 4023398	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030003595 A1	20030102	15
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6147345 A	20001114	12
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5285064 A	19940208	15
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4999493 A	19910312	6
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4968885 A	19901106	18

	Title	Current OR	Current XRef
1	Mass spectrometer method and apparatus for analyzing a sample in a solution	436/173	250/281; 250/282; 250/288; 436/161; 436/181
2	Method and apparatus for increased electrospray ion production	250/288	250/281; 250/423R
3	Method and apparatus for introduction of liquid effluent into mass spectrometer and other gas-phase or particle detectors	250/288	250/283; 73/863.11; 73/863.12; 73/864.81
4	Electrospray ionization interface and method for mass spectrometry	250/288	250/282
5	Method and apparatus for introduction of liquid effluent into mass spectrometer and other gas-phase or particle detectors	250/288	250/283; 73/863.11; 73/863.12; 73/864.81

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1		Amirav, Aviv	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		Willoughby, Ross C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		Willoughby, Ross C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		Allen, Mark et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		Willoughby, Ross C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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2	US 6147345	<input type="checkbox"/>
3	US 5285064	<input type="checkbox"/>
4	US 4999493	<input type="checkbox"/>
5	US 4968885	<input type="checkbox"/>

	Document ID	Kind Codes	Source	Issue Date	Pages
1	US 20020121594 A1		US-PGPUB	20020905	24
2	US 20020074517 A1		US-PGPUB	20020620	13
3	US 6504150 B1		USPAT	20030107	27
4	US 5962851 A		USPAT	19991005	29
5	US 5652427 A		USPAT	19970729	32
6	SU 1144549 A		DERWENT	19920923	1

	Title
1	Apparatus and method for analyzing samples in a dual ion trap mass spectrometer
2	High capacity and scanning speed system for sample handling and analysis
3	Method and apparatus for determining molecular weight of labile molecules
4	Multipole ion guide for mass spectrometry
5	Multipole ion guide for mass spectrometry
6	Laser source of highly charged ion for charged particles accelerators - uses supersonic nozzle installed in outlet channel perpendicular to channel axis and supersonic gas flow receiver

	Abstract
1	
2	
3	
4	
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6	

	Current OR	Retrieval Classif	Current XRef	Inventor	U
1	250/281		250/282; 250/292	Wang, Yang et al.	<input type="checkbox"/>
2	250/492.1			Krutchinsky, Andrew et al.	<input type="checkbox"/>
3	250/286		250/281; 250/282; 250/287; 250/288	Verentchikov, Anatoli N. et al.	<input type="checkbox"/>
4	250/288		250/287	Whitehouse, Craig M. et al.	<input type="checkbox"/>
5	250/288		250/282	Whitehouse, Craig M. et al.	<input type="checkbox"/>
6				GOLUBEV, A A et al.	<input type="checkbox"/>

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1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020121594	<input type="checkbox"/>
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